

# FILE NOTATIONS

Entered in NID File

✓

Checked by Chief

PTVB

Entered On S R Sheet

✓

Copy NID to Field Office

✓

Location Map Filled

✓

Approval Letter

Not necessary

Card Indexed

✓

Disapproval Letter

✓

IWR for State or Fee Land

✓

## COMPLETION DATA

Date Well Completed

1-3-63

Location Inspected

gas Storage Well

OW

WW

IA

Bond released

GW

OS

IA

State of Fee Land

## LOGS FILED

Driller's Log

Electric Log

E

1-E

GI

GR

GR-N

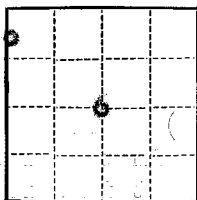
Micro

Log

Well

Sonic

Others



Copy H. L. C.  
(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.  
Form Approved.

Land Office Salt Lake City

Lease No. 070355

Unit Lease - Chalk Creek  
Gas Storage Project

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/> SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Chalk Creek Government Well No. 6 September 6, 1962

Well No. 6 is located 1100 ft. from N line and 81 ft. from W line of sec. 6

SW NW (lot 4) sec. 6 2N 6E S. L. M.

Chalk Creek Gas Storage Summit Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is to follow; ground elevation not yet calculated. ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

We would like permission to drill the subject well to an approximate depth of 2900' into the Kelvin formation as a water withdrawal well in the "S" sand, or gas storage sand in this storage field. We will run and cement to surface about 175' of 10-3/4" OD, 32.75#, H-40, 8rd thd ST&C casing. A production string of 7" OD, 20#, J-55, 8rd thd ST&C casing will be cemented to total depth.

Mountain Fuel Supply Company hereby requests a release from Section 221.20, Well-Location restrictions (a) because this unorthodox location was necessary because of the extremely steep topography in the area.

cc: Utah State Oil & Gas Conservation Commission (over)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Mountain Fuel Supply Company

Address P. O. Box 1129  
Rock Springs, Wyoming

By B. W. Craft

Title General Manager, Producing and Pipeline Divisions

Mountain Fuel Supply Company requests an exception to Rule C-3 (b) because (1) this location was necessary due to extremely steep topography in the area and (2) Mountain Fuel Supply Company owns all oil and gas leases within a radius of 660' of the location, or has gas storage rights from Union Pacific Railroad Company lands in the area.

•

LOCATION NOTICE

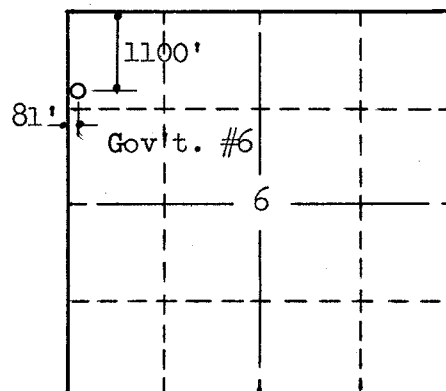
Well Government #6 Field Chalk Creek

Location 1100 ft. from North Line

                     ft. from East Line

                     ft. from South Line

81 ft. from West Line



Sec. 6 T. 2N. R. 6E.

County Summit State Utah

Elevation            Ground Engr's. Level ☐ Stadia Level ☐ Trigonometric Level ☐

Location in section SW 1/4 NW 1/4

Date September 4 1962

Made by Koritnik Date August 29, 1962

Checked by                      Date                     

Copies to: Steve Majhanovich (5)

W.W. Sheeters

D.E. Dallas

Civil Engineering Dept. (File)

Signed                       
ORIGINAL SIGNED  
R. C. DAY  
Civil Engineer



THE STATE OF UTAH  
OFFICE OF STATE ENGINEER

SALT LAKE CITY  
September 14, 1962

WAYNE D. CRIDDLE  
STATE ENGINEER

Mr. B. Z. Kastler, Jr., Secretary  
Mountain Fuel Supply Company  
180 East 1st South  
Salt Lake City, Utah

Dear Mr. Kastler:

Re: Ground Water - Summit County

This office has recently been advised of your intention to proceed with the construction of two water withdrawal wells in Sections 6 and 7, Township 2 North Range 6 East, S.L.B.&M. as part of your underground gas storage program.

Upon completion of the wells, we will appreciate receiving copies of the driller's logs and auxiliary logging data, for the reason that the wells are to be constructed for water withdrawal purposes and the water involved may become the subject matter of future appropriation. We have enjoyed working with you on this problem in the past, and feel that the availability of this information in our office will limit the opportunity for any conflicts with your planned operations.

Very truly yours,

*Francis T. Mayo*  
Francis T. Mayo, Chief  
Water Resources Branch

FTM:bm

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake  
LEASE NUMBER .....  
UNIT .....

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of OCT 1962, 19

Agent's address P. O. Box 989 Company MOUNTAIN FUEL SUPPLY COMPANY  
SALT LAKE CITY, UTAH Signed J. L. Mack  
Phone 328-8315 Agent's title DIVISIONAL CHIEF ACCOUNTANT

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER - If none so state	REMARKS (If drilling, depth, if shut down cause, date and result of test for gasoline content of gas)
<u>Government Wells</u>										
NE SE 6	2	6	5							Spudded 9/14/62 Completed 9/25/62 Depth 1032' Storage Well
NW NW 6	2	6	6							Location
<u>U.P. Well</u>										
SW SW 7	2	6	7-1							Spudded 9/28/62 Completed 10/31/62 Depth 2498' Storage Well

NOTE.—There were ..... runs or sales of oil; ..... M cu. ft. of gas sold;

..... runs or sales of gasoline during the month. (Write "no" where applicable.)  
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake  
LEASE NUMBER \_\_\_\_\_  
UNIT Chalk Creek  
Gas Storage

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of NOV 1962, 19\_\_\_\_,

Agent's address P. O. Box 989 Company MOUNTAIN FUEL SUPPLY COMPANY

SALT LAKE CITY, UTAH

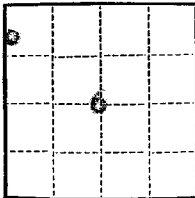
Signed T. L. Neely

Phone 328-8315 Agent's title DIVISIONAL CHIEF ACCOUNTANT

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth, if shut down cause; date and result of test for gasoline content of gas)
<u>Government Wells</u>										
<u>NE SE 6</u>	<u>2</u>	<u>6</u>	<u>5</u>							<u>Spudded 9/14/62</u> <u>Completed 9/25/62</u> <u>Depth 1032'</u> <u>Storage Well</u>
<u>NW NW 6</u>	<u>2</u>	<u>6</u>	<u>6</u>							<u>Spudded 11/2/62</u> <u>Nov. 30, 1962 Coring</u> <u>at 2603'</u>
<u>H. P. Well</u>										
<u>SW SW 7</u>	<u>2</u>	<u>6</u>	<u>7-1</u>							<u>Spudded 9/28/62</u> <u>Completed 10/31/62</u> <u>Depth 2498'</u> <u>Storage Well</u>

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold;

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-331a  
(Feb. 1951)

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake CityLease No. 070555Unit Chalk Creek Gas  
Storage Field

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	XX
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Chalk Creek Gov't. Well No. 6 November 6, 1962

Well No. 6 is located 1100 ft. from <sup>[N]</sup>~~XXX~~ line and 81 ft. from <sup>[Ex]</sup><sub>[W]</sub> line of sec. 6

SW NW NW sec. 6 2N 6E S. L. M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Chalk Creek Gas Storage Summit Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the <sup>ground</sup>~~XXXXXX~~ above sea level is 7090 ft.

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The subject well was spudded on November 2, 1962. At a depth of 350', a surface string of 10-3/4" OD., 32.75#, H-40, 8rd thd STAC casing, measuring 305.65' net, 309.16' gross was run into the well and landed at 316.55' KBM. The casing was cemented with 185 sacks Ideal regular cement treated with 265 pounds calcium chloride. Good mud returns prior to and while mixing and displacing cement. Had 1 barrel cement return to surface.

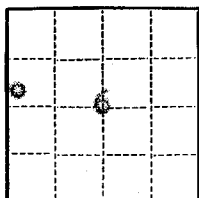
Presently waiting on cement.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Mountain Fuel Supply CompanyAddress P. O. Box 1129Rock Springs, WyomingBy B. W. CraftTitle General Manager, Producing and  
Pipeline Division



Form 9-331a  
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.  
Form Approved.

Land Office Salt Lake City  
Lease No. 070555  
Unit Chalk Creek Gas Storage

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	XX
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Chalk Creek Government Well No. 6 November 13, 1962

Well No. 6 is located 1100 ft. from ~~XXX~~ <sup>[N]</sup> line and 81 ft. from ~~XXX~~ <sup>[W]</sup> line of sec. 6

SW NW NW sec. 6 2N 6E S. L. M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Chalk Creek Gas Storage Summit Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 7099.10 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Depth 1282', drilling in Kelvin formation.

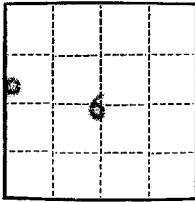
Pressure tested 10-3/4" OD surface casing and BOP to 500 psi each for 15 minutes; pressure tests held good. Resumed drilling, using a 9" bit.

CONFIDENTIAL

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Mountain Fuel Supply Company  
Address P O. Box 1129  
Rock Springs, Wyoming

By B. W. Graft  
Title General Manager, Producing and Pipeline Divisions

Form 9-331a  
(Feb. 1951)Budget Bureau No. 42-R358.4.  
Form Approved.

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office S. L. C.  
Lease No. 070355  
Unit Chalk Creek Gas Storage

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	<b>XX</b>
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Chalk Creek Government Well No. 6 ..... November 20 ....., 1962

Well No. 6 is located 1100 ft. from N line and 81 ft. from Ex line of sec. 6

SW NW NW sec. 6 ..... 2N ..... 6E ..... S. L. M.  
( $\frac{1}{4}$  Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Chalk Creek Gas Storage ..... Summit ..... Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 7099.10 ft.

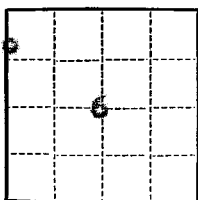
## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The subject well is at a depth of 2049', preparing to drill ahead after completing drill stem test No. 2.DST #1: 1850'-2049', Kelvin, misrun, packer seat failed.DST #2: 1840'-2049', Kelvin, (8-2 sand), ISI  $\frac{1}{2}$  hour, tool open 1 hour, PSI 1 hour, good blow, dead in 32 minutes, no gas to surface. Recovered 650' slightly water cut mud. ISIP 375 psi, IHP 980 psi, IFF 258 psi, FFP 375 psi, PSIP 350 psi, FHP 960 psi.**CONFIDENTIAL**

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Mountain Fuel Supply CompanyAddress P. O. Box 1129Rock Springs, WyomingBy B. W. CraftTitle General Manager, Producing and Pipeline Divisions

Form 9-331a  
(Feb. 1951)Budget Bureau No. 42-R358.4.  
Form Approved.Land Office Salt Lake CityLease No. 070555Unit Chalk Creek Gas  
Storage

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	XX
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Chalk Creek Government Well No. 6 November 26, 1962

Well No. 6 is located 1100 ft. from <sup>[N]</sup>~~[S]~~ line and 81 ft. from <sup>[EX]</sup>~~[W]~~ line of sec. 6SW NW NW sec. 6  
( $\frac{1}{4}$  Sec. and Sec. No.)2N  
(Twp.)6E  
(Range)S. L. M.  
(Meridian)Chalk Creek Gas Storage  
(Field)Summit  
(County or Subdivision)Utah  
(State or Territory)

The elevation of the derrick floor above sea level is 7099.10ft.

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The subject well is coring at a depth of 2351'.

CONFIDENTIAL

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Mountain Fuel Supply CompanyAddress P. O. Box 1129Rock Springs, WyomingBy B. W. GraftTitle General Manager, Producing and  
Pipeline Divisions

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake  
LEASE NUMBER Chalk Creek  
UNIT Gas Storage

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of Dec 1962, 19

Agent's address P. O. Box 989 Company MOUNTAIN FUEL SUPPLY COMPANY

SALT LAKE CITY, UTAH

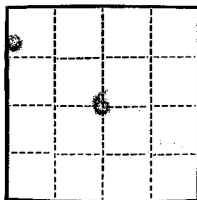
Signed F. L. Neely

Phone 328-8315 Agent's title DIVISIONAL CHIEF ACCOUNTANT

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down cause; date and result of test for gasoline content of gas)
			<u>Government Wells</u>							
NE SE 6	2	6	5							Spudded 9/14/62 Completed 9/21/62 Depth 1832' Storage Well
NW NW 6	2	6	6							Spudded 11/2/62 Nov. 30, 1962 Waiting on cement
			<u>H.P. Well</u>							
SW SW 7	2	6	7-1							Spudded 9/28/62 Completed 10/31/62 Depth 2490' Storage Well

NOTE.—There were runs or sales of oil; M cu. ft. of gas sold;

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-331a  
(Feb. 1951)Budget Bureau No. 42-R358.4.  
Form Approved.

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake CityLease No. 070555Unit Chalk Creek Gas Storage

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	<b>XX</b>
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Chalk Creek Government Well No. 6 \_\_\_\_\_, December 3 \_\_\_\_\_, 1962Well No. 6 \_\_\_\_\_ is located 1100 ft. from [N] line and 61 ft. from [W] line of sec. 6SW NW NW sec. 6  
(¼ Sec. and Sec. No.)2N  
(Twp.)6E  
(Range)S. L. M.  
(Meridian)Chalk Creek Gas Storage  
(Field)Summit  
(County or Subdivision)Utah  
(State or Territory)The elevation of the derrick floor above sea level is 7099.10 ft.

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The subject well is coring at a depth of 2685'.

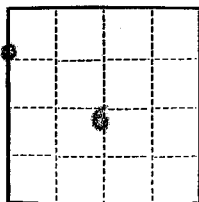
BSF #3: 2250'-2418', Kelvin, ISI ½ hour, tool open 1 hour, PSI 1 hour, good blow, no gas to surface. Recovered 1250' mud cut water. ISIP 545 psi, IHP 1165 psi, IFP 15 psi, FFP 530 psi, FBIP 545 psi, FHP 1150 psi.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Mountain Fuel Supply CompanyAddress P. O. Box 1129Rock Springs, Wyoming

By

B. W. GraftTitle General Manager, Producing and Pipeline Divisions

Form 9-331a  
(Feb. 1951)Budget Bureau No. 42-R358.4.  
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake CityLease No. 070555Unit Chalk Creek Gas Storage

## SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	<b>XX</b>
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Chalk Creek Government Well No. 6 ..... December 10 ....., 1962Well No. 6 ..... is located 1100 ft. from N line and 81 ft. from W line of sec. 6.....
SW NW NW sec. 6 ..... 2N ..... 6E ..... S. L. M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Chalk Creek Gas Storage ..... Summit ..... Utah  
(Field) (County or Subdivision) (State or Territory)
The elevation of the derrick floor above sea level is 7099.10ft.

## DETAILS OF WORK

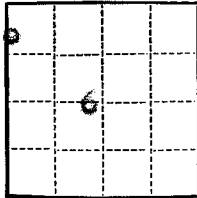
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The subject well is coring at a depth of 2984' in the Kelvin formation.

IST #4: 2540'-2611', Kelvin, ISI  $\frac{1}{2}$  hour, tool open 1 hour, FSI 1 hour, strong blow, gradually decreasing and dead in 45 minutes, no gas or water to surface. Recovered 1494' muddy water. ISIP 665 psi, IHP 1310 psi, BHFP's 590-675 psi, FBIP 685 psi, FHP 1295 psi.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Mountain Fuel Supply Company.....Address P. O. Box 1129.....Rock Springs, Wyoming.....By B.W. Craft.....Title General Manager, Producing and Pipeline Divisions.....

Form 9-331a  
(Feb. 1951)

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake CityLease No. 070555Unit Chalk Creek Gas Storage

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	<b>XX</b>
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Chalk Creek Government Well No. 6 December 18, 1962

Well No. 6 is located 1100 ft. from N line and 81 ft. from Ex line of sec. 6SW NW NW sec. 6

(¼ Sec. and Sec. No.)

2N

(Twp.)

6E

(Range)

S. L. M.

(Meridian)

Chalk Creek Gas Storage

(Field)

Summit

(County or Subdivision)

Utah

(State or Territory)

The elevation of the ground above sea level is 7090 ft.

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

DET #5: 2970'-3110', Kelvin, ISI ½ hour, tool open ½ hour, FSI ½ hour, strong blow, slowly dying, no gas to surface. Recovered 300' mud. ISIP 315 psi, IHP 1450 psi, IFP 110 psi (plugged), FFP 110 psi (plugged), FSIP 195 psi, FHP 1420 psi.

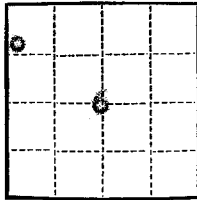
DET #6: 3110', Kelvin, misrun.

DET #7: 2995'-3110', Kelvin, ISI ½ hour, tool open 40 minutes, FSI 40 minutes, strong blow, dead in 30 minutes. Recovered 2000' muddy water. ISIP 885 psi, IHP 1440 psi, IFP 530 psi, FFP 785 psi, FSIP 885 psi, FHP 1430 psi.

Presently drilling at a depth of 3317'.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Mountain Fuel Supply CompanyAddress P. O. Box 1129Rock Springs, WyomingBy B. W. ProftTitle General Manager, Producing and Pipeline Divisions

Form 9-331a  
(Feb. 1951)

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake CityLease No. 070555Unit Chalk Creek Gas Storage Project

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
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NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	<b>XX</b>
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Chalk Creek Government Well No. 6 ..... December 26 ..... , 1962

Well No. 6 is located 1100 ft. from N line and 81 ft. from EW line of sec. 6SW NW NW sec. 6  
( $\frac{1}{4}$  Sec. and Sec. No.)2N  
(Twp.)6E  
(Range)S. L. M.  
(Meridian)Chalk Creek Gas Storage  
(Field)Summit  
(County or Subdivision)Utah  
(State or Territory)The elevation of the derrick floor above sea level is 7099.10 ft.

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The subject well is drilling at a depth of 3550' in the Kelvin formation.

DST #8: 3351'-3519', Kelvin, initial opening  $\frac{1}{2}$  hour, ISI  $\frac{1}{2}$  hour, final opening  $\frac{1}{2}$  hour, FSI  $\frac{1}{2}$  hour; weak blow, building to strong blow in 10 minutes, dying to weak blow in 23 minutes on initial opening; tool reopened, dead in 30 minutes on final opening. Recovered 240' mud. ISIP 1055 psi, IHP 1720 psi, initial flow 45-95 psi, final flow 95-115 psi, FSIP 1055 psi, FHP 1720 psi.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Mountain Fuel Supply CompanyAddress P. O. Box 1129Rock Springs, WyomingBy B. W. CroftTitle General Manager, Producing and Pipeline Divisions



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake  
LEASE NUMBER .....  
UNIT Chalk Creek  
Gas Storage

# LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of JAN 1963, 19.....

Agent's address P. O. Box 989 Company MOUNTAIN FUEL SUPPLY COMPANY

SALT LAKE CITY, UTAH

Signed J. L. Neely

Phone 328-8315 Agent's title DIVISIONAL CHIEF ACCOUNTANT

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down cause; date and result of test for gasoline content of gas)
<u>Government Wells</u>										
NE SE 6	2	6	5							Spudded 9/14/62 Completed 9/25/62 Depth 1032' Storage Well
NW NW 6	2	6	6							Spudded 11/2/62 Completed 1/3/63 Depth 3599'
<u>U. P. Wells</u>										
SW SW 7	2	6	7-1							Spudded 9/28/62 Completed 10/31/62 Depth 2498' Storage Well

NOTE.—There were ..... runs or sales of oil; ..... M cu. ft. of gas sold;

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Field	Chalk Creek	State	Utah	County	Summit	Sec.	6	T.	2N	R.	6E
Company	Mountain Fuel Supply	Farm	Chalk Creek	Well No.		Gov't. No.	6				
Location		1100' FNL 81' FWL		Elev.		7090' Ground; 7101' KB					
Drilling Commenced		November 2, 1962		Completed		December 27, 1962					
Rig Released		January 2, 1963		Total Depth		3600'					
Casing Record		10" @ 316.55' KBM with 185 sacks.									
		7" @ 3258.12' KBM with 375 sacks.									
Tubing Record											
Perforations											
I. P. Gas Oil											
Sands											
Shut-in Surface Pressures											
Remarks Cored intervals are: 2257'-2361', 2602-2634', 2672'-2735', 2921'-3079'. This well is an observation well and may be used as a water withdrawal well. Water production is from the S zone and probably from the interval 3260'-3300'.											

FORMATION RECORD		FORMATION RECORD	
		FROM	TO
Sandstone, medium gray, fine to medium grained, black grains included soft, friable; Siltstone, light yellow, some brown, brown is calcareous, hard, firm; trace Shale, medium gray, soft, calcareous, trace carbonaceous; trace Chert, reddish.		350	370
Sandstone as above, slightly calcareous, some red grains included, hard, tight; trace Siltstone, yellow, as above.		370	380
Sandstone, medium gray, fine-grained, red grains included, arkose?, black grains included, hard, tight.		380	410
Sandstone as above; trace Limestone, light yellow to white, clastic; trace carbonaceous.		410	420
Sandstone as above; trace Siltstone, light yellow, firm; trace Shale as above, medium gray, calcareous, firm; trace Limestone as above.		420	460
Sandstone as above, slightly carbonaceous; trace Siltstone, red-brown, calcareous; trace Shale, medium gray, carbonaceous.		460	470
Sandstone, white to medium gray, very fine grained, silty, slightly carbonaceous, soft, friable; Siltstone, medium gray, carbonaceous, hard, firm; trace Shale as above.		470	480
Sandstone as above; Siltstone as above, some brown, yellow, red; trace Shale as above.		480	490
As above, some Shale as above, has secondary calcite.		490	510
As above, trace Limestone, light yellow-brown.		510	520
Siltstone, medium to dark gray, shaley, soft; trace Sandstone as above; trace Shale as above; trace Limestone as above.		520	540
As above; some Sandstone as above, very slightly calcareous.		540	560
Siltstone as above; trace Sandstone as above; trace Shale as above; trace Limestone, white, well crystalized.		560	590
Shale as above; Sandstone, brownish yellow, medium to coarse grained, slightly calcareous, some black grains included, friable; trace Siltstone as above; trace Limestone as above.		590	600
Sandstone as above, also white to medium gray, fine grained, calcareous hard, tight; some Shale as above; trace Siltstone as above; trace Limestone as above.		600	610
Shale, gray, calcareous, soft; some Sandstone as above; some Siltstone as above; trace Limestone as above.		610	630
As above; trace Siltstone as above.		630	650
Shale, medium gray to black, calcareous, carbonaceous, soft; Limestone yellowish brown to white, micro-crystalline, arenaceous, hard, firm.		650	680

## FORMATION RECORD

Sandstone, yellowish brown, some white, very fine to fine grained, highly calcareous, hard, firm, some Shale as above.	680	710
Shale as above; some Sandstone, white, very fine to fine grained, calcareous, soft.	710	720
Shale as above, some Sandstone as above; Siltstone, white, brown, gray, red, calcareous, soft to firm, trace Limestone, white.	720	730
Sandstone as above, some yellowish brown; Siltstone as above; trace Shale as above.	730	750
As above; trace Siltstone as above.	750	780
Sandstone as above; Siltstone, red, mottled, slightly calcareous, soft; Shale as above.	780	820
Sandstone, brownish white, fine grained, calcareous, hard, tight; Siltstone, reddish brown, calcareous, soft; some Shale as above.	820	840
Sandstone, white, fine grained, calcareous, soft, friable.	840	860
Sandstone as above, some medium gray, very fine grained, slightly-non calcareous, hard, tight, some Siltstone as above; some Shale as above.	860	870
As above; Siltstone as above; Shale as above; trace Limestone, white crystalline.	870	910
Sandstone as above; Shale as above; trace Siltstone as above; trace Limestone, micro-crystalline, trace Pyrite.	910	930
Shale as above; some Sandstone as above; some Siltstone as above; trace Limestone as above.	930	940
Sandstone, white to medium gray, fine grained, calcareous, soft, friable; some Shale as above, trace Siltstone as above.	940	960
Sandstone, yellowish brown to medium gray, fine to medium grained, calcareous, black grains, hard, tight; some Shale as above.	960	970
Shale as above; some Sandstone as above; trace Siltstone, brown, calcareous, hard, firm, trace Limestone, white, micro-crystalline.	970	1000
Sandstone, buff, very fine to fine grained, calcareous, soft; Shale as above.	1000	1010
Shale as above, some mottled brown; Siltstone as above; trace Sandstone as above; trace Limestone as above.	1010	1040
Shale as above; Siltstone as above, some red, gray, variegated; trace Sandstone as above; trace Limestone as above.	1040	1050
Shale as above; some Sandstone, medium gray, very fine to fine grained, calcareous, hard, tight; trace Siltstone as above.	1050	1070
Siltstone, brownish gray, red, calcareous, firm; trace Sandstone as above; trace Shale as above.	1070	1100
Siltstone as above; some Shale as above; trace Sandstone as above.	1100	1110
Sandstone, medium gray, fine to medium grained, calcareous, black grains included, soft, friable; some Siltstone as above; some Shale as above.	1110	1130
As above; Siltstone as above; Shale as above.	1130	1160
As above; some Shale as above.	1160	1190
Shale as above; some Siltstone as above; trace Sandstone as above; trace Gypsum, white, massive (alabaster).	1190	1200
Siltstone, brown, gray, red, calcareous, soft to firm; trace Shale, light to dark gray, carbonaceous in part, soft; trace Sandstone as above; trace Gypsum as above.	1200	1230
Sandstone, brown, very fine grained, calcareous, silty, soft; trace Siltstone as above; trace Shale as above.	1230	1240
Sandstone, medium gray, very fine grained, calcareous, silty, hard, tight; trace Shale as above; trace Siltstone as above.	1240	1260
As above; some Sandstone, white, fine grained, calcareous, soft to hard, some black grains included.	1260	1270
As above; Siltstone, brown, calcareous, soft; Shale, medium dark gray, carbonaceous in part, soft.	1270	1320
No sample.	1320	1330
Sandstone, white to medium gray, fine grained, calcareous, silty, hard, tight; Siltstone, medium to dark gray, calcareous, soft; trace Shale as above.	1330	1350
Siltstone, brown, calcareous, firm; some Shale as above; trace Sandstone as above.	1350	1390
As above; some Sandstone as above.	1390	1430

Field Chalk Creek  
Farm Chalk Creek  
Company Mountain Fuel Supply

Sec. 6 T. 2N R. 6E  
Well No. Gov't. No. 6

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FORMATION RECORD

Shale, light gray to gray, silty, soft, bentonite, some brown, silty, firm; Siltstone, brown, sandy, calcareous, hard; trace Sandstone, light gray, very fine grained, silty, calcareous, hard, tight.	1430	1440
Shale as above; Siltstone as above; trace Sandstone as above.	1440	1450
Shale as above; Siltstone, light brown, light gray, sandy, calcareous, firm; some soft, bentonite; Sandstone, light brown light gray, very fine grain, silty to argillaceous, soft to firm.	1450	1460
Shale as above; Siltstone as above; Sandstone as above.	1460	1470
Shale, gray to dark gray, silty, calcareous, firm; Siltstone, gray to dark gray, sandy, calcareous, firm; Sandstone, light gray, very fine grained, silty, calcareous, tight; Pyrite.	1470	1480
Shale as above; Siltstone as above; sandstone as above.	1480	1490
Shale as above; Siltstone as above; Sandstone as above.	1490	1500
Shale as above, Siltstone as above; Sandstone, white, fine to to medium grained, silty to argillaceous, calcareous, poorly sorted with coarse grains, Pyrite.	1500	1510
Siltstone as above; Sandstone as above; trace Shale as above.	1510	1520
Siltstone as above; Sandstone, white, very fine grained to fine fine grained, silty to argillaceous, calcareous, friable, hard, tight.	1520	1530
Sandstone as above, trace Shale as above; trace Siltstone as above.	1530	1540
Sandstone as above; trace Shale as above; trace Siltstone as above.	1540	1550
As above.		
As above.	1550	1560
As above.	1560	1570
Shale, light gray, very soft, sandy, bentonite; Sandstone as above some light gray, very soft bentonite; trace Siltstone as above.	1570	1580
Shale, light gray to gray, silty, calcareous, firm, some brown, silty, calcareous, firm; Siltstone, light gray, light brown, sandy, firm; Sandstone, light gray, very fine grain, silty to argillaceous, firm, tight.	1580	1590
Shale as above; Siltstone as above; Sandstone as above.	1590	1600
Shale, variegated gray, brown, purple, silty, firm; Siltstone as above; Sandstone as above.	1600	1610
Shale as above; Siltstone as above; Sandstone as above.	1610	1620
As above.	1620	1630
As above.	1630	1640
As above.	1640	1650
As above.	1650	1660
As above.	1660	1670
As above.	1670	1680
As above.	1680	1690
Shale as above; some light brown, brown, very soft, sandy, bentonite; Siltstone as above; Sandstone as above; Gypsum.	1690	1700
Shale as above, Siltstone as above; Sandstone as above.	1700	1710
Shale, variegated green, green, brown, purple, silty, firm; Siltstone brown, gray, sandy, calcareous, firm; Sandstone, white, light gray, very fine grained, silty to argillaceous, hard, tight.	1710	1720
Shale as above; Siltstone as above; Sandstone as above.	1720	1730
As above.	1730	1740
As above.	1740	1750
As above.	1750	1760
As above.	1760	1770
As above.	1770	1780
As above.	1780	1790
Shale, light gray, very soft, sandy, bentonite; Siltstone as above; Sandstone as above.		
Shale, variegated gray, brown, purple, silty, firm; some Shale as above; Siltstone, brown, gray, sandy, calcareous, firm; Sandstone whtie, very fine grained, silty, calcareous, hard, tight.	1800	1810

Field Chalk Creek  
Farm Chalk Creek  
Company Mountain Fuel Supply

Sec. 6 T. 2N R. 6E  
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FORMATION RECORD

Shale as above; Siltstone as above; Sandstone as above.	1810	1820
As above.	1820	1830
Shale as above; Siltstone as above; Sandstone, light gray, white, very fine grained, silty to argillaceous, calcareous, soft to hard, tight, w/black, orange and green grains.	1830	1840
Shale as above; Siltstone as above; Sandstone as above.	1840	1850
As above.	1850	1860
As above.	1860	1870
As above.	1870	1880
As above.	1880	1890
Shale as above; some light gray, sandy, very soft, bentonite; Siltstone as above; Sandstone as above.	1890	1900
Shale as above; Siltstone as above; Sandstone as above.	1900	1910
As above.	1910	1920
Sandstone, white to light gray, very fine grain, calcareous, argillaceous, soft, tight, blue and orange grains included; some Siltstone, brown, calcareous, soft; trace shale, light gray to gray, calcareous, firm.	1920	1950
As above; Sandstone very calcareous, hard, tight, trace pyrite.	1950	1990
Siltstone as above; some Sandstone as above; trace Shale as above.	1990	2000
Sandstone as above; some Siltstone as above; trace Shale as above.	2000	2010
Sandstone as above; Siltstone as above; Shale as above.	2010	2060
Siltstone as above; some sandstone as above; some Shale as above.	2060	2090
Siltstone as above; some Shale as above; trace Sandstone as above.	2090	2120
As above; trace Limestone, white, micro-crystalline, hard.	2120	2130
Sandstone, white, very fine grained, calcareous, hard, tight; some Shale, gray, soft, tract Siltstone as above.	2130	2140
As Above; Siltstone as above.	2140	2160
Sandstone, brown white, very fine to fine grained, calcareous, blue and orange grains included, hard, tight; Siltstone as above; some Shale as above.	2160	2170
Siltstone as above; some Shale as above; trace Sandstone as above.	2170	2210
Sandstone, white, very fine grained, calcareous, soft, some Siltstone as above; trace Shale as above.	2210	2220
Siltstone as above; Shale as above; trace Sandstone as above.	2220	2250
Sandstone, white to light gray, fine grained, calcareous, argillaceous, blue grains included, soft; trace siltstone as above; trace Shale as above.	2250	2257

Core #1 2257'-2309' Rec. 52'

2257-2258	Sandstone, light gray, very fine grain, calcareous, argillaceous, hard, tight.
2258-2259.8	Siltstone, gray, calcareous, firm.
2259.8-2261.2	Shale, dark gray, mottled, calcareous, soft.
2261.2-2267.2	Shale, medium gray, mottled, silty, hard, firm.
2267.2-2269.5	Sandstone, medium gray, very fine grained, calcareous, argillaceous, hard, tight.
2269.5-2272.5	Siltstone, light to dark gray, calcareous, hard, firm.
2272.5-2279.2	Sandstone, white to light gray, fine to medium grained, calcareous, colored grains included, hard.
2279.2-2284	Shale, medium to dark gray, slightly calcareous, soft to hard.
2284-2288	Siltstone, medium gray, calcareous, arenaceous, hard, firm.
2288-2290.5	Shale, red gray, calcareous, firm.
2290.5-2295.5	Siltstone, medium gray, slightly calcareous, arenaceous, hard, firm.
2295.5-2296.8	Sandstone, light gray, very fine grain, calcareous, hard, firm.
2296.8-2309	Shale, red brown, silty in part, very slightly calcareous, hard, firm.

Core #2 2309'-2361' Rec. 52'

2309-2332.3	Shale, dark red brown, silty, hard, firm.
2332.3-2336.1	Sandstone, light gray to gray, very fine grained, calcareous, silty, hard, tight.
2336.1-2338	Shale, black, silty, hard, firm.
2338-2341	Shale, gray, calcareous, silty, hard, firm.

Field Chalk Creek  
Farm Chalk Creek  
Company Mountain Fuel Supply

Sec. 6 T. 2N R. 6E  
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FORMATION RECORD

2341-2343.5 Shale, purple to brown, calcareous, silty, hard, firm.  
2343.5-2345.7 Shale, gray, mottled, silty, hard, firm.  
2345.7-2356 Shale, red brown, calcareous, silty, hard, firm.  
2356-2360 Siltstone, gray, calcareous, arenaceous, hard, tight.  
2360-2361 Shale, dark red brown, calcareous, silty, hard, firm.

Shale, red brown, calcareous, firm; trace Siltstone, light gray to gray, firm; trace sandstone, white, very fine grained.	2361	2380
Shale as above; trace Siltstone as above.	2380	2410
Shale, red brown, silty, calcareous, firm; trace Shale, gray, silty, slightly calcareous, firm.	2410	2450
Shale, red brown, silty, calcareous, soft with some Sandstone, light gray, very fine grained, calcareous, hard, tight.	2450	2500
Shale, red brown, silty, calcareous, firm with some Siltstone, light gray to light brown, silty, very fine grained, calcareous, hard, tight.	2500	2510
Shale as above with abundant Shale, light gray to light purple, soft.	2510	2520
Shale, red brown, silty, calcareous, firm, with some Shale, light gray to light purple, soft.	2520	2540
Shale red brown, light purple to gray, silty, calcareous, soft, with minor Sandstone, light gray, silty, very fine grained, calcareous, hard, tight.	2540	2550
Shale as above; Sandstone as above.	2550	2560
Shale, red brown, light gray to light purple, calcareous, firm, with minor Sandstone, light gray, silty, very fine grained, calcareous, hard, tight.	2560	2590
Sandstone, light red brown, silty, very fine grained, calcareous, dirty, hard, tight, with some Shale, red brown to gray, mottled calcareous, firm.	2590	2600

Core #3 2602'-2634' Rec. 30'

2602-2604.3 Sandstone, light red brown, very fine grained, calcareous, subangular grains, hard, tight.  
2604.3-2612.1 Shale, dark red brown, silty, calcareous, firm.  
2612.1-2613.4 Sandstone, light red brown, silty, very fine grained, calcareous, hard, tight.  
2613.4-2614 Shale, dark red brown, silty, calcareous, firm.  
2614-2618 Siltstone, red brown, sandy, calcareous, hard.  
2618-2627.3 Shale, greenish gray to red brown, mottled, soft, with several vertical fractures with calcite.  
2627.3-2632 Shale, dark red brown, silty, calcareous, firm.

Shale, red brown to gray, calcareous, firm with calcite.	2634	2640
Shale, red brown, silty, calcareous, firm with some Shale, gray calcareous, firm.	2640	2650
Sandstone, light red brown, silty, very fine grained, friable, dirty tight, with some Shale, red brown, silty, firm.	2650	2672

Core #4 2672'-2685' Rec. 11'

2672-2679.8 Sandstone, light gray, with streaks of light red brown, very fine grained, calcareous, subangular grains, cross-bedded, hard, tight, with some vertical fractures.  
2679.8-2683 Siltstone, gray, dark gray, to red brown, sandy, limey, hard.

Core #5 2685'-2735' Rec. 50'

2685-2691.3 Sandstone, light gray, very fine grained, calcareous, subangular grains cross-bedded, hard, tight with few vertical fractures.  
2691.3-2702.2 Shale, red brown to greenish gray, mottled, silty, calcareous, hard.  
2702.2-2722 Shale, greenish gray to medium gray, with few streaks of red brown, calcareous, hard.  
2722-2733 Shale, medium gray, calcareous, hard with light gray loose nodules, with some fractures with slickensides.  
2733-2735 Shale Medium gray, silty, calcareous, hard.

Field Chalk Creek  
Farm Chalk Creek  
Company Mountain Fuel Supply

Sec. 6 T. 2N R. 6E  
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FORMATION RECORD

Shale, greenish gray to gray, with some streaks of red brown and purple, calcareous, silty in part, hard.	2735	2750
Shale as above with some Sandstone, light gray, very fine grained, calcareous, hard, tight.	2750	2760
Shale, dark gray, slightly calcareous, soft; Sandstone, light gray calcareous, very fine grained, hard, tight, trace Siltstone, red-brown, calcareous, firm.	2760	2780
Same as above; Sandstone with cherty appearance, calcareous, hard.	2780	2810
Shale as above, some purple grains; some Sandstone as above, some brown, very fine grained, calcareous, hard, tight, some Siltstone as above.	2810	2830
As above; some Siltstone, variegated.	2830	2840
Siltstone, dark brown, very sandy, calcareous, hard, firm; some	2840	2850
Shale as above; trace Sandstone, buff, very fine grained, calcareous, hard, tight.		
As above; Sandstone as above; some brown, very fine grained.	2850	2860
As above; some Sandstone as above.	2860	2900
Siltstone as above; Shale as above; trace Sandstone as above.	2900	2910
Shale, dark gray, purple, some iron stained, soft; Siltstone dark brown, hard, firm; Sandstone, light gray to brown, very fine grained, calcareous, argillaceous, hard, firm, trace limestone, white, massive, crystalline.		

Core #6 2921'-2951' Rec. 30'

2921-2922	Shale, dark gray, very slightly calcareous, hard, firm.
2922-2951	Shale, dark red brown, variegated, calcareous, silty, hard, firm, upper part shattered, massive limestone filling, some slickensides, lower part has some limestone inclusions.

Core #7 2951'-2982' Rec. 29'

2951-2956	Sandstone, light red brown, silty, very fine grained, calcareous, subangular grains, hard, tight.
2956-2960.7	Shale, dark red brown, silty, calcareous, hard.
2960.7-2971.7	Sandstone, light gray, very fine grained, calcareous, hard, tight with some thin streaks of Shale, gray, silty, calcareous, firm.
2971.7-2980	Sandstone, light gray, very fine grained, calcareous, with some cross-bedded, hard, tight, highly fractured, with some calcite crystals.

Core #8 2982'-3026' Rec. 43'

2982-2986.8	Sandstone, light gray, very fine grained to fine grained, calcareous, angular grains, hard, tight with irregular fractures, with some inclusions of Shale, medium gray, calcareous, firm.
2986.8-2990	Shale, dark gray, calcareous, hard, with scattered grains of fine grained sand, with light gray loose nodules.
2990-3007.2	Sandstone, light gray, very fine to fine grained, with some medium grained, calcareous, subangular to angular grains, some cross-bedding, hard, tight, with some inclusions of Shale, dark gray, calcareous, firm.
3007.2-3007.8	Shale, dark gray, calcareous, hard, with scattered sand grains, with light gray loose nodules.
3007.8-3008.6	Sandstone, light gray, very fine to fine grained, calcareous, angular grains, hard, tight.
3008.6-3009.6	Shale, dark gray, calcareous, hard with scattered sand grains, with light gray loose nodules.
3009.6-3013	Sandstone, light gray, very fine to fine grained, calcareous, subangular to angular grains, hard, tight, with thin laminations of Shale, dark gray, calcareous, firm.
3013-3020	Shale, gray, greenish gray, to light red brown, mottled, calcareous, hard with fractures, with slickensides.

Field Chalk Creek  
Farm Chalk Creek  
Company Mountain Fuel Supply

Sec. 6 T. 2N R. 6E  
Well No. Gov't. No. 6

Page 7

FORMATION RECORD

- 3020-3022.5 Sandstone, light gray, very fine to fine grain, calcareous, subangular grains, hard, tight, with some inclusions of Shale, dark gray, calcareous, firm.
- 3022.5-3023.8 Shale, dark gray, calcareous, firm, with scattered sand grains, with some fractures.
- 3023.8-3025 Sandstone, light gray, very fine to medium grained, calcareous, hard, tight, highly fractured with inclusions of Shale, dark gray, calcareous, firm.

Core #9 3026'-2063' Rec. 36'

- 3026-3045.9 Sandstone, light gray to medium gray, very fine to fine grain, with some medium grained and coarse grain, calcareous, with some cross-bedded, subangular to angular grains, hard, with some porous, with some fractures, with inclusions of Shale, dark gray, calcareous, hard and inclusions of limestone, light gray, hard.
- 3045.9-3053.3 Shale, dark red brown, silty, calcareous, hard.
- 3053.3-3056.7 Sandstone, light red to gray, very fine grain, calcareous, hard, tight, with few fractures.
- 3056.7-3062 Sandstone, light brown, very fine to fine grain, calcareous, friable, with some porous, highly fractured with abundant slickensides.

Core #10 3063'-3079' Rec. 16'

- 3063-3079 Sandstone, light gray, very fine grain, calcareous, with some cross-bedding, hard, tight, with some fractures, with thin laminations of Shale, dark gray, calcareous, hard.

Sandstone light gray, very fine to fine grain, calcareous, hard, tight, with minor interbedded Shale, red gray, calcareous, hard.	3079	3100
Sandstone as above with increase of Shale as above.	3100	3110
Sandstone, light gray to light red brown, silty, very fine grain, calcareous, hard, tight, with some interbedded Shale, red brown to gray, calcareous, firm.	3110	3150
Shale, red brown, silty, calcareous, firm, with some Sandstone, light gray, very fine grain, calcareous, hard, tight.	3150	3160
Shale as above.	3160	3170
Shale, light purple to light gray, calcareous, firm, with some Sandstone, light gray, very fine grain, calcareous, hard, tight.	3170	3190
Shale, red brown, silty, calcareous, firm.	3190	3210
Shale as above with minor amounts of Sandstone, light gray to light red brown, silty, very fine grain, calcareous, hard, tight.	3210	3240
Shale, red brown, silty, calcareous, hard.	3240	3250
Shale as above with some Sandstone, light gray, light red brown silty, very fine grain, calcareous, hard, tight.	3250	3270
Shale as above, with increase of Sandstone as above.	3270	3280
Sandstone, light gray, light red brown, silty, very fine grain, calcareous, hard, tight; with Shale, dark red brown to medium gray, calcareous, firm.	3280	3290
Shale, medium gray, light purple, calcareous, firm, with sandstone as above.	3290	3300
Shale, light gray, light purple, calcareous, hard, with minor amounts of Sandstone, light gray, silty, very fine grain, calcareous, hard, tight; with calcite crystals.	3300	3320
Shale, red brown, silty, sandy, calcareous, hard.	3320	3330

Core #11 3330'-3382' Rec. 52'

- 3330-3346.5 Shale, red, argillaceous, calcareous, hard, firm.
- 3346.5-3355 Sandstone, gray white, fine to medium grain, calcareous, argillaceous, hard, tight.
- 3355-3360 Shale, dark gray, calcareous, some slickensides, fractures, soft.
- 3360-3365 Shale, mottled red gray, silty, calcareous, hard, firm.



Field Chalk Creek  
Farm Chalk Creek  
Company Mountain Fuel Supply

Sec. 6 T. 2N R. 6E  
Well No. Gov't. No. 6

Page 8

FORMATION RECORD

3365-3380 Sandstone, light red brown, very fine to fine grain, calcareous, silty, fractured, hard.

3380-3382 Sandstone, light gray to white, very fine grain, argillaceous, calcareous, hard, tight.

Core #12 3382'-3434' Rec. 52'

3382-3386.7 Sandstone, white to light gray, very fine grain, calcareous, saccharoidal apparent, hard, tight.

3386.7-3408 Shale, red brown, calcareous, some loose nodules scattered, hard, firm.

3408-3411 Sandstone, brown gray, very fine grain, calcareous, quartzitic, hard, tight, some vertical fractures.

3411-3421 Shale, mottled blue and red, calcareous, possible fossiliferous, contorted, scattered limestone chips, soft.

3421-3434 Shale, red brown, calcareous, silty, hard, firm.

Core #13 3434'-3486' Rec. 52'

3434-3439.3 Sandstone, red brown, silty, very fine grain, calcareous, quartzitic, hard, tight, slightly fractured.

3439.3-3470.5 Shale, dark red brown, silty, calcareous, hard, with few limestone nodules.

3470.5-3471.7 Sandstone, light brown, silty, very fine grain, calcareous, hard, tight.

3471.7-3480 Shale, dark red brown, silty, calcareous, hard.

3480-3486 Sandstone, light gray to medium gray, very fine to medium grain, calcareous, cross-bedded, sub-rounded grains, hard, tight, highly fractured.

Core #14 3486'-3519' Rec. 33'

3486-3500 Shale, dark red brown to dark gray, mottled, silty, calcareous, hard.

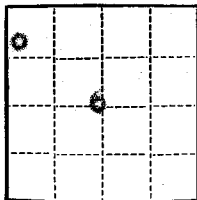
3500-3519 Shale, dark red brown, silty, calcareous, hard with light gray loose nodules.

Shale, light gray with streaks of red brown and light purple, calcareous, soft with some calcite. 3519 3520

Shale, red brown to medium gray, mottled, calcareous, silty, firm. 3520 3540

Shale as above, with some Sandstone, light gray to light red brown, silty, very fine grain, calcareous, hard, tight. 3540 3580

Shale as above, with increase to Sandstone as above. 3580 3598

Form 9-331a  
(Feb. 1951)

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake CityLease No. 070555Unit Chalk Creek Gas  
Storage Project

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	<b>XX</b>
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Chalk Creek Gas Storage  
Government Well No. 6

January 3, 1963

Well No. 6 is located 1100 ft. from N line and 81 ft. from W line of sec. 6

SW NW NW sec. 6

2N

6E

S. L. M.

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

Chalk Creek Gas Storage

Summit

Utah

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is 7099.10 ft.

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Total depth 3599', well completed in the storage or "S" sand. Rig released January 2, 1963.

DST #9: Straddle packer test 3260'-3410', S sand, IO 1/2 hour, ISI 1/2 hour, FO 1/2 hour, FBI 1/2 hour, no blow on initial opening, strong blow during final opening, no gas to surface. Tester plugged above top chart during initial opening, bottom packer seat failed. Recovered 1960' muddy fresh water. ISIP 1110 psi, IHP 1630 psi, IOFP not recorded, tool plugged, FOFP 110-810 psi, FSIP 1110 psi, FHP 1630 psi.

DST #10: 3511'-3599', S sand, IO 20 minutes, ISI 20 minutes, FO 20 minutes, FBI 20 minutes, very weak blow on initial opening, dead in 10 minutes; no blow on final opening. Recovered 20' mud. ISIP 10 psi, IHP 1765 psi, IOFP 10-10 psi, FOFP 10-10 psi, FSIP 10 psi, FHP 1760 psi.

(over)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Mountain Fuel Supply CompanyAddress P. O. Box 1129Rock Springs, Wyoming

By

*B. W. Croft*Title General Manager, Producing and  
Pipeline Divisions

At total depth of 3599', ran a production string of 7" OD, 20#, 8rd thd J-55 ST&C casing, measuring 3250.03' net, 3277.33' gross. The casing was landed at 3258.12' KBM and cemented with 375 sacks regular cement. A Balco 7" formation packoff shoe was run in the casing string.

Lane Wells temperature survey and Camton log indicated top of cement behind 7" casing at 2624', KBM. Pressure tested casing and BOP to 1200 psi for 15 minutes; pressure test held good.

Drilled out 6' of cement and plug and cleaned out to bottom. No tubing was run into the well.

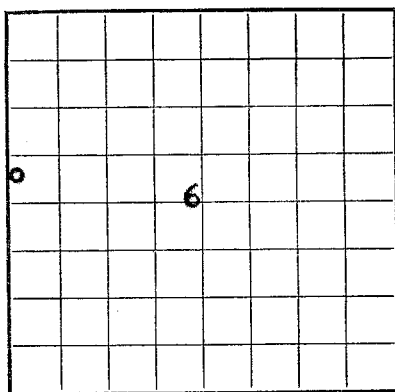
Rigged up swabbing unit and swabbed well for 10 hours 48 minutes, swabbing from a depth of 1070'. During this period, the well swabbed at an average rate of 680 barrels of water per day. The static fluid level remained relatively constant at about 954' KBM.

Rig released January 2, 1963.

8961 7 JAN

Form approved.  
Budget Bureau No. 42-R355.4.

Form 9-330



LOCATE WELL CORRECTLY

 U. S. LAND OFFICE Salt Lake City  
 SERIAL NUMBER 070555  
 LEASE OR PERMIT TO PROSPECT \_\_\_\_\_  
**Chalk Creek Gas Storage**

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

 Company Mountain Fuel Supply Company Address P. O. Box 1129, Rock Springs, Wyoming  
 Lessor or Tract Federal Field Chalk Creek Gas State Utah  
 Well No. Gov't #6 Sec. 6 T. 2N R. 6E Meridian SLM Storage County Summit  
 Location 1100 ft. N. of N. Line and 61 ft. E. of W. Line of sec. 6 Elevation 7099.10'  
 (Derrick floor relative to sea level)

 The information given herewith is a complete and correct record of the well and all work done thereon  
 so far as can be determined from all available records.

 Date January 7, 1963  
March 2, 1962

Signed

B.W. Craft
 Title General Manager, Producing and  
Pipeline Divisions

The summary on this page is for the condition of the well at above date.

 Commenced drilling November 2, 1962 Finished drilling December 26 1962

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

 No. 1, from none to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

 No. 1, from 3258 to 3599 (open  
hole) No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>10-3/4</u>	<u>32.75</u>	<u>8</u>	<u>Spang</u>	<u>309.16</u>	<u>Half</u>	<u>guide</u>	<u>none</u>	<u>none</u>	<u>sur face</u>
<u>7</u>	<u>20</u>	<u>8</u>	<u>Spang</u>	<u>3277.33</u>	<u>Half</u>	<u>formation packoff</u>	<u>none</u>	<u>none</u>	<u>production</u>
<u>No tubing.</u>									
<u>HI-LOK 2 OF OIL OR GAS WELL</u>									

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10-3/4</u>	<u>316.55</u>	<u>185</u>	<u>Displacement</u>		<u>31.4 bbls. water</u>
<u>7</u>	<u>3258.12</u>	<u>375</u>	<u>Displacement</u>		<u>120 bbls. mud</u>
<u>No tubing.</u>					

## PLUGS AND ADAPTERS

 Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
 Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

FOLD MARK

10-3/4	316.55	185	Displacement	31.4 bbls. water
7	3258.12	375	Displacement	120 bbls. mud
No tubing.				

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
 Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

## TOOLS USED

Rotary tools were used from 0 feet to 3599 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

January 3, 1963 Put to producing Shut in, 19\_\_\_\_

The production for the first 24 hours was\* \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. \_\_\_\_\_

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. \_\_\_\_\_

Barnhart Drilling Company

## EMPLOYEES

L. O. Hooten \_\_\_\_\_, Driller

R. E. Wickwire \_\_\_\_\_, Driller

C. P. Pollet \_\_\_\_\_, Driller

\_\_\_\_\_, Driller

## FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			<p>*This well was completed in open hole in the storage or "S" sand of the Kelvin formation. Swabbing indicated a recovery of 680 barrels of water a day.</p> <p>See attached formation record.</p> <p>(2) electric logs enclosed.</p>
FROM—	TO—	TOTAL FEET	FORMATION

# COMPLETION REPORT

Operator: Mountain Fuel Supply Company

Well: Government Well No. 6

Area: Chalk Creek Gas Storage

Location: 1100 Feet FNL; 81 Feet FWL, Sec. 6, T. 2 N., R. 6 E., Summit County, Utah

Elevation: 7090' Ground; 7101' Kelly Bushing

Drilling Commenced: November 2, 1962

Drilling Completed: December 27, 1962

Rig Released: January 2, 1963

Total Depth: 3600'

Tops:

Kelvin	Surface
S2 Zone	2507'
S1 Zone	2966'
S zone	3260'

Casing: 10" @ 316.55' KBM with 185 sacks

7" @ 3258.12' KBM with 375 sacks

Productivity: Swabbed at the rate of 680 barrels of fresh water per day. Water level is at approximately 954'

Remarks: Cored intervals are: 2257'-2361', 2602'-2634', 2672'-2735', 2921'-3079', 3330'-3519'.

This well is an observation well and may be used as a water withdrawal well.

Water production is from the S zone and probably from the interval 3260'-3300'.

## DRILL STEM TESTS

No.	Interval	First Flow	Initial Shut In	Second Flow	Final Shut In	Remarks
1	1850-2049	Misrun				
2	1840-2049	73-272 (7)	366 (30)	270-366 (60)	366 (60)	650' wcm
3	2250-2418	28-179 (7)	546 (30)	179-519 (60)	543 (60)	1250' mcw
4	2540-2418		665 (30)		685 (60)	1494' mw
5	2970-3110	Plugged				
6		Misrun				
7	2995-3110	366-777 (30)	884 (30)	730-885 (40)	885 (40)	2000' mw
8	3351-3519	45-95 (30)	1055 (30)	95-115 (30)	1055 (30)	240' m
9	3260-3519	Plugged (30)	1110 (30)	110-810 (30)	1010 (30)	1960' mw. Straddle test with bottom packer failed @ 3410'
10	3511-3599	10-10 (20)	10 (20)	10-10 (20)	10 (20)	20' m

VBG/ew

1/4/63

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form 9-329, Rev. 12-31-61  
Approved August 12-31-61

LAND OFFICE Salt Lake  
LEASE NUMBER           
UNIT Chalk Creek  
Gas Storage

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of FEB 1963, 19        

Agent's address P. O. Box 989 Company MOUNTAIN FUEL SUPPLY COMPANY

SALT LAKE CITY, UTAH

Signed F. L. Neely

Phone 328-8315

Agent's title DIVISIONAL CHIEF ACCOUNTANT

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down cause; date and result of test for gasoline content of gas)
<u>Government Wells</u>										
<u>NE SE 6</u>	<u>2</u>	<u>6</u>	<u>5</u>							<u>Spudded 9/14/62</u> <u>Completed 9/23/62</u> <u>Depth 1025'</u>
<u>NE SW 6</u>	<u>2</u>	<u>6</u>	<u>6</u>							<u>Spudded 11/2/62</u> <u>Completed 1/2/63</u> <u>Depth 2394'</u>
<u>F. L. Neely</u>										
<u>NE SW 7</u>	<u>2</u>	<u>6</u>	<u>7-1</u>							<u>Spudded 9/28/62</u> <u>Completed 10/22/62</u> <u>Depth 2450'</u>
<u>These wells are hooked up with storage system at the present.</u>										

NOTE—There were          runs or sales of oil;          M cu. ft. of gas sold;

         runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake  
LEASE NUMBER  
UNIT Chalk Creek  
Gas Storage

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of MAY 1968, 19

Agent's address P. O. Box 11368 Company MOUNTAIN FUEL SUPPLY COMPANY

Salt Lake City, Utah 84111

Signed J. Murphy

Phone 328-8315

Agent's title DIVISIONAL CHIEF ACCOUNTANT

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause date and result of test for gasoline content of gas)
GOVERNMENT WELLS										
NW, SE 6	2N	6E	5							Observation Well
NW, NW 6	2N	6E	6							Drilled to Storage Sand
										Above wells not hooked up wit storage system

Note.—There were runs or sales of oil; M cu. ft. of gas sold;

runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake  
LEASE NUMBER \_\_\_\_\_  
UNIT Chalk Creek  
Gas Storage

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of JUN 1968, 19  

Agent's address P. O. Box 11368 Company MOUNTAIN FUEL SUPPLY COMPANY

Salt Lake City, Utah 84111 Signed E. Murphy

Phone 328-8315 Agent's title DIVISIONAL CHIEF ACCOUNTANT

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DAYS Produced	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause date and result of test for gasoline content of gas)
GOVERNMENT WELLS										
NW, SE 6	2N	6E	5							Observation Well
NW, NW 6	2N	6E	6							Drilled to Storage Sand
										Above wells not hooked up wit storage system

Note.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold;

\_\_\_\_\_ runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake  
LEASE NUMBER \_\_\_\_\_  
UNIT Chalk Creek  
Gas Storage

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of JUL 1968, 19\_\_\_\_,

Agent's address P. O. Box 11368 Company MOUNTAIN FUEL SUPPLY COMPANY

Salt Lake City, Utah 84111 Signed D. Murphy

Phone 328-8315 Agent's title DIVISIONAL CHIEF ACCOUNTANT

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause date and result of test for gasoline content of gas)
GOVERNMENT WELLS										
NW, SE 6	2N	6E	5							Observation Well
NW, NW 6	2N	6E	6							Drilled to Storage Sand
										Above wells not hooked up wit storage system

Note.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold;

\_\_\_\_\_ runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake  
LEASE NUMBER  
UNIT Chalk Creek  
Gas Storage

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of AUG - 1968, 19

Agent's address P. O. Box 11368 Company MOUNTAIN FUEL SUPPLY COMPANY

Salt Lake City, Utah 84111 Signed D. Murphy

Phone 328-8315 Agent's title DIVISIONAL CHIEF ACCOUNTANT

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DATE Produced	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause date and result of test for gasoline content of gas)
GOVERNMENT WELLS										
NW, SE 6	2N	6E	5							Observation Well
NW, NW 6	2N	6E	6							Drilled to Storage Sand
										Above wells not hooked up wit storage system

Note.—There were runs or sales of oil; M cu. ft. of gas sold;

runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake  
LEASE NUMBER  
UNIT Chalk Creek  
Gas Storage

# LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of SEP 1968, 19

Agent's address P. O. Box 11368 Company MOUNTAIN FUEL SUPPLY COMPANY

Salt Lake City, Utah 84111 Signed J. Murphy

Phone 328-8315 Agent's title DIVISIONAL CHIEF ACCOUNTANT

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DATE Produced	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause date and result of test for gasoline content of gas)
GOVERNMENT WELLS										
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Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake  
LEASE NUMBER \_\_\_\_\_  
UNIT Chalk Creek  
Gas Storage

# LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of OCT 1968, 19\_\_\_\_,

Agent's address P. O. Box 11368 Company MOUNTAIN FUEL SUPPLY COMPANY

Salt Lake City, Utah 84111 Signed E. Murphy

Phone 328-8315 Agent's title DIVISIONAL CHIEF ACCOUNTANT

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL No.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth, if shut down, cause, date and result of test for gasoline content of gas)
GOVERNMENT WELLS										
NW, SE 6	2N	6E	5							Observation Well
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Note.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold;

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake  
LEASE NUMBER  
UNIT Chalk Creek  
Gas Storage

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of DEC - 1968, 19

Agent's address P. O. Box 11368 Company MOUNTAIN FUEL SUPPLY COMPANY

Salt Lake City, Utah 84111 Signed E. Murphy

Phone 328-8315 Agent's title DIVISIONAL CHIEF ACCOUNTANT

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DAYS Produced	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down cause date and result of test for gasoline content of gas)
GOVERNMENT WELLS										
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NW, NW 6	2N	6E	6							Drilled to Storage Sand
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake  
LEASE NUMBER  
UNIT Chalk Creek  
Gas Storage

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of NOV 1968, 19  ,

Agent's address P. O. Box 11368 Company MOUNTAIN FUEL SUPPLY COMPANY

Salt Lake City, Utah 84111 Signed J. Murphy

Phone 328-8315 Agent's title DIVISIONAL CHIEF ACCOUNTANT

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL No.	DAYS Produced	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause date and result of test for gasoline content of gas)
GOVERNMENT WELLS										
NW, SE 6	2N	6E	5							Observation Well
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake  
LEASE NUMBER  
UNIT Chalk Creek  
Gas Storage

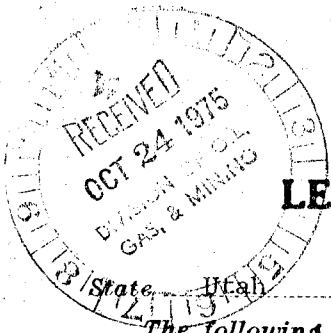
**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Summit Field Chalk Creek  
The following is a correct report of operations and production (including drilling and producing wells) for the month of JAN - 1969, 19\_\_\_\_,  
Agent's address P. O. Box 11368 Company MOUNTAIN FUEL SUPPLY COMPANY  
Salt Lake City, Utah 84111 Signed E. Murphy  
Phone 328-8315 Agent's title DIVISIONAL CHIEF ACCOUNTANT

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DAYS Produced	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause date and result of test for gasoline content of gas)
<u>GOVERNMENT WELLS</u>										
NW, SE 6	2N	6E	5							Observation Well
NW, NW 6	2N	6E	6							Drilled to Storage Sand
										Above wells not hooked up with storage system

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold;  
\_\_\_\_\_ runs or sales of gasoline during the month. (Write "no" where applicable.)  
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Approved October 19-61-61.  
LAND ( ) Salt Lake  
LEASE NUMBER  
UNIT Chalk Creek  
Gas Storage

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Chalk Creek  
The following is a correct report of operations and production (including drilling and producing wells) for the month of SEP 1975, 19  
Agent's address P. O. Box 11368 Company MOUNTAIN FUEL SUPPLY COMPANY  
Salt Lake City, Utah 84111 Signed E. Murphy  
Phone 328-8315 Agent's title CHIEF ACCOUNTANT

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and reason of shut for gasoline contract of 1960)
GOVERNMENT WELLS										
NW, SE 6	2N	6E	5							Observation Well
NW, NW 6	2N	6E	6							Drilled to Storage Sand
										Above wells not hooked up with storage system

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold;

\_\_\_\_\_ runs or sales of gasoline during the month. (Write "no" where applicable.)

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 43-R256.5.  
Approval expires 12-31-60.

LAND OFFICE Salt Lake  
LEASE NUMBER \_\_\_\_\_  
UNIT Chalk Creek  
Gas Storage

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of OCT 1975, 19\_\_\_\_,

Agent's address P. O. BOX 11368 Company MOUNTAIN FUEL SUPPLY COMPANY

SALT LAKE CITY, UTAH 84139

Signed J. Murphy

Phone 328-8315

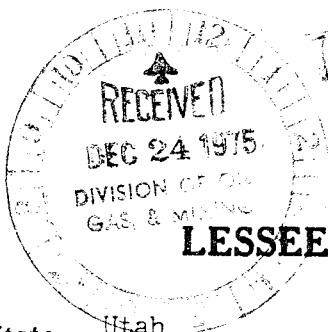
Agent's title CHIEF ACCOUNTANT

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	Cu. Ft. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
GOVERNMENT WELLS										
NW, SE 6	2N	6E	5							Observation Well
NW, NW 6	2N	6E	6							Drilled to Storage Sand
										Above wells not hooked up with storage system

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold;

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 12-B250.1  
Approval expires 12-31-01.

LAND OFFICE Salt Lake  
LEASE NUMBER \_\_\_\_\_  
UNIT Chalk Creek  
Gas Storage

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of NOV 1975, 19\_\_\_\_,

Agent's address P. O. BOX 11368 Company MOUNTAIN FUEL SUPPLY COMPANY

SALT LAKE CITY, UTAH 84139 Signed E. Murphy

Phone 328-8315 Agent's title CHIEF ACCOUNTANT

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
GOVERNMENT WELLS										
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NW, NW 6	2N	6E	6							Drilled to Storage Sand
										Above wells not hooked up with storage system

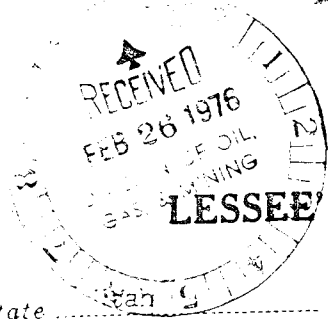
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake  
LEASE NUMBER \_\_\_\_\_  
UNIT Chalk Creek  
Gas Storage



# LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of JAN 1976, 19  

Agent's address P. O. BOX 11368 Company MOUNTAIN FUEL SUPPLY COMPANY

SALT LAKE CITY, UTAH 84139 Signed E. Murphy

Phone 328-8315 Agent's title CHIEF ACCOUNTANT

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
GOVERNMENT WELLS										
NW, SE 6	2N	6E	5							Observation Well
NW, NW 6	2N	6E	6							Drilled to Storage Sand
										Above wells not hooked up with storage system

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold;

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**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

Form approved.  
Budget Bureau No. 42-R356.5.

LAND OFFICE Salt Lake  
LEASE NUMBER \_\_\_\_\_  
UNIT Chalk Creek  
Gas Storage

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of FEB 1976, 19

Agent's address P.O. BOX 11368 Company MOUNTAIN FUEL SUPPLY COMPANY

SALT LAKE CITY, UTAH 84139 Signed E. Murphy

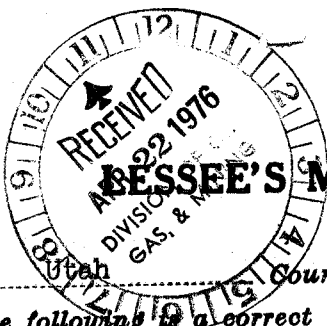
Phone 534-5406 Agent's title MANAGER GENERAL ACCOUNTING

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<b>GOVERNMENT WELLS</b>										
NW SE 6	2N	6E	5							Observation Well
NW NW 6	2N	6E	6							Drilled to Storage Sand
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.5.  
AND OFFICE Salt Lake  
LEASE NUMBER Chalk Creek  
UNIT Gas Storage

**BESSEE'S MONTHLY REPORT OF OPERATIONS**

*Conf.*

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of MAR 1976, 19      

Agent's address P.O. BOX 11368 Company MOUNTAIN FUEL SUPPLY COMPANY

SALT LAKE CITY, UTAH 84139 Signed D. Murphy

Phone 534-5406 Agent's title MANAGER GENERAL ACCOUNTING

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.5.

OFFICE Salt Lake  
LEASE NUMBER Chalk Creek  
UNIT Gas Storage

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of MAY 1976, 19  ,   

Agent's address P.O. BOX 11368 Company MOUNTAIN FUEL SUPPLY COMPANY

SALT LAKE CITY, UTAH 84139 Signed E. Murphy

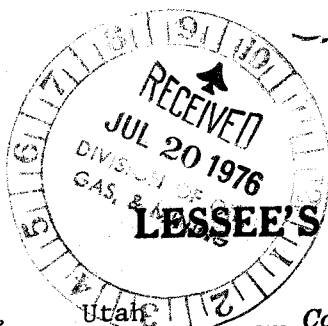
Phone 534-5406 Agent's title MANAGER GENERAL ACCOUNTING

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.5.

LAND OFFICE Salt Lake  
LEASE NUMBER \_\_\_\_\_  
UNIT Chalk Creek  
Gas Storage

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County \_\_\_\_\_ Summit \_\_\_\_\_ Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of JUN 1976, 19\_\_\_\_,

Agent's address P. O. BOX 11368 Company MOUNTAIN FUEL SUPPLY COMPANY

SALT LAKE CITY, UTAH 84139 Signed John J. Peppinger

Phone 534-5265 Agent's title ASST. MANAGER GEN'L. ACCTG.

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	Cu. Ft. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
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Above wells not hooked up with storage system										

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved  
Budget Bureau No. 42-R356.5.  
LAND OFFICE Salt Lake  
LEASE NUMBER  
UNIT Chalk Creek  
Gas Storage

# LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Summit Field Chalk Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of JUL 1978, 19

Agent's address P. O. BOX 11368 Company MOUNTAIN FUEL SUPPLY COMPANY

SALT LAKE CITY, UTAH 84139

Signed John J. Peppinger

Phone 534-5265

Agent's title ASST. MANAGER GEN'L. ACCTG.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
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Above wells not hooked up with storage system										

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3100  
U-09712-A  
et al  
(U-942)  
*C. Stone*  
*3/9/89*

DECISION

Questar Pipeline Company : Oil and Gas Leases  
P.O. Box 11450 : U-09712-A et al  
Salt Lake City, Utah 84147 :

Corporate Name Change Recognized

Acceptable evidence has been received establishing that Mountain Fuel Resources, Inc. has changed their name to Questar Pipeline Company. Accordingly, the surviving company, Questar Pipeline Company, is recognized as holding all interests in Federal oil and gas leases which were held by Mountain Fuel Resources, Inc. We are changing our records with respect to the attached listing of oil and gas leases. If there are any other leases that will be affected, please contact this office.

**/s/ M. Willis**

**ACTING** Chief, Minerals  
Adjudication Section

Enclosure  
List of Leases

cc: All District Offices, Utah  
MMS, AFS  
MMS, BRASS  
920, Teresa Thompson  
Clay Basin Unit File

\\CSeare:s1 3/9/89:1642f

RECEIVED

JAN 28 2004

DIV. OF OIL, GAS & MINING

List of Leases

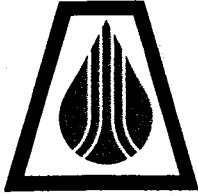
Overriding Royalties

U-09712-A  
U-011246

Operating Rights

SL-045051-A & B  
SL-045053-A & B  
SL-062508  
SL-0700555  
SL-070555-A  
SL-045049-A & B

Clay Basin Gas Storage Agreement  
Agreement No. 14-08-0001-16009



## QUESTAR PIPELINE COMPANY

79 SOUTH STATE STREET • P. O. BOX 11450 • SALT LAKE CITY, UTAH 84147 • PHONE (801) 530-2400  
June 23, 1988

CERTIFIED MAIL

RETURNED RECEIPT REQUESTED

#P 879 571 459

Bureau of Land Management  
Utah State Office  
CFS Financial Center  
324 S. State Street  
Salt Lake City, UT 84111-2303

Re: Name Change  
Mountain Fuel Resources, Inc.  
to Questar Pipeline Company

Gentlemen:

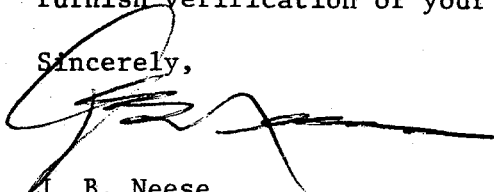
Enclosed for your files and information is a certified copy of the Articles of Amendment to the Articles of Incorporation of Mountain Fuel Resources, Inc. dated March 7, 1988, indicating that Mountain Fuel Resources, Inc. changed its name to Questar Pipeline Company.

Questar Pipeline Company holds interests in the following Federal Oil and Gas Leases in Utah:

*Now holds on Gas hold. with CA*  
*CA well - RT 4, OR's Mt. Fuel Resources*  
*U-9712-A - Questar Energy Co 100%*  
*U-11246 - Agreement pending to "Questar Energy Co"*  
SLC-045051(A) > OR'S  
SLC-045051(B) > OR'S  
SLC-045053(A) > OR'S  
SLC-045053(B) > OR'S  
SLC-062508 - OR'S  
SLC-070555 - OR'S  
SLC-070555(A) - OR'S  
? Agreement No. 14-08-0001-16009  
(Clay Basin Gas Storage Agreement)

Please note and adjust your records in accordance with the above and furnish verification of your receipt of this notice to the undersigned.

Sincerely,

  
J. B. Neese  
Senior Landman

JBN/sdg

Enclosure

**OPERATOR CHANGE WORKSHEET****ROUTING**

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

Merger

The operator of the well(s) listed below has changed, effective:

**3/7/1988****FROM: (Old Operator):**

N0680-Mountain Fuel Supply Company

180 E 100 S

Salt Lake City, UT 84139

Phone: 1-(801) 534-5267

**TO: ( New Operator):**

N7560-Questar Pipeline Company

PO Box 11450

Salt Lake City, UT 84147

Phone: 1-(801) 530-2019

**CA No.****Unit:****WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
COALVILLE GAS STORAGE 1	09	020N	050E	4304310691	99990	Fee	GS	A
COALVILLE GAS STORAGE 2	10	020N	050E	4304330005	99990	Fee	GS	A
COALVILLE GAS STORAGE 3	10	020N	050E	4304330007	99990	Fee	GS	A
COALVILLE GAS STORAGE 4	10	020N	050E	4304330009	99990	Fee	GS	A
COALVILLE GAS STORAGE 5	10	020N	050E	4304330011	99990	Fee	GS	A
COALVILLE GAS STORAGE 6	10	020N	050E	4304330020	99990	Fee	GS	A
COALVILLE GAS STORAGE 7	10	020N	050E	4304330021	99990	Fee	GS	A
CHALK CREEK GOVT 4	06	020N	060E	4304305003	99990	Federal	GS	A
OHIO GOVT WELL 1 CHALK CREEK	06	020N	060E	4304305004	99990	Federal	GS	A
TEXOTA UTAH FED L 1	06	020N	060E	4304305005	99990	Federal	GS	A
CHALK CREEK GOVT 2	06	020N	060E	4304305006	99990	Federal	GS	A
CHALK CREEK GOVT 3	06	020N	060E	4304305007	99990	Federal	GS	A
CHALK CREEK GOVT 1	06	020N	060E	4304305008	99990	Federal	GS	A
CHALK CREEK GOVT 5	06	020N	060E	4304305009	99990	Federal	GS	A
CHALK CREEK GOVT 6	06	020N	060E	4304305018	99990	Federal	GS	A

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 1/13/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 1/13/20043. The new company was checked on the Department of Commerce, Division of Corporations Database on: 1/14/20044. Is the new operator registered in the State of Utah: YES Business Number: 649172-0142

5. If NO, the operator was contacted contacted on: \_\_\_\_\_

6. (R649-9-2) Waste Management Plan has been received on:

IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 3/9/1989

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 1/29/2004
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 1/29/2004
3. Bond information entered in RBDMS on: 1/29/2004
4. Fee wells attached to bond in RBDMS on: 1/29/2004
5. Injection Projects to new operator in RBDMS on: n/a

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: n/a

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 965002976

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: n/a

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 965003033
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 1/29/2004

**COMMENTS:**

# NEW ENTITY NUMBERS ASSIGNED FEBRUARY 2004

ACCT	OPERATOR NAME	API NUM.	Sec	Twnshp	Rng	WELL NAME	ENTITY	EFF DATE	REASON
N7560	Questar Pipeline Co	4304305003	06	020N	060E	Chalk Creek Gov 4	99990 to 14039	2/10/2004	Chalk Creek Gas Storage
N7560	Questar Pipeline Co	4304305004	06	020N	060E	Ohio Govt Well Chalk Creek	99990 to 14039	2/10/2004	Chalk Creek Gas Storage
N7560	Questar Pipeline Co	4304305005	06	020N	060E	Texota Utah Fed L 1	99990 to 14039	2/10/2004	Chalk Creek Gas Storage
N7560	Questar Pipeline Co	4304305006	06	020N	060E	Chalk Creek Gov 2	99990 to 14039	2/10/2004	Chalk Creek Gas Storage
N7560	Questar Pipeline Co	4304305007	06	020N	060E	Chalk Creek Gov 3	99990 to 14039	2/10/2004	Chalk Creek Gas Storage
N7560	Questar Pipeline Co	4304305008	06	020N	060E	Chalk Creek Gov 1	99990 to 14039	2/10/2004	Chalk Creek Gas Storage
N7560	Questar Pipeline Co	4304305009	06	020N	060E	Chalk Creek Gov 5	99990 to 14039	2/10/2004	Chalk Creek Gas Storage
N7560	Questar Pipeline Co	4304305018	06	020N	060E	Chalk Creek Gov 6	99990 to 14039	2/10/2004	Chalk Creek Gas Storage

Note to file: These entity numbers  
were changed to compliment the  
operator correction from 3/7/98